

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) An information recording/reproduction apparatus for performing a preprogrammed recording (i) of information distributed at a predetermined time from a predetermined distribution source (ii) to ~~an predetermined~~ information recording medium-
~~means, and (iii)~~ based on information indicating preprogrammed recording settings determined before the predetermined time of distribution, the information recording/reproduction apparatus comprising:

~~recording/reproduction means for recording and reproducing the information;~~

~~preprogrammed recording~~ reception-specifying means for receiving-specifying, as the
information indicating the preprogrammed recording settings, a date of distribution, ~~the~~ a time of distribution, ~~and a~~ the distribution source of the distributed information, ~~and information-~~
~~recording means;~~

recording control means for causing the distributed information to be recorded on the
information recording medium, the distributed information being recorded based on the received
information indicating the preprogrammed recording settings; and-

~~preprogrammed recording setting~~ displaying control means for incorporating the received
information indicating ~~displaying~~ the preprogrammed recording ~~setting~~ settings into ~~on~~ a two-
dimensional ~~two dimensional~~ matrix defined by the date of distribution, ~~the information-~~
~~recording means,~~ and the time of distribution, and for displaying on a displaying unit a display
screen indicating the two-dimensional matrix having incorporated therein the information
indicating the preprogrammed recording settings[[:]],

wherein, when a plurality of pieces of the information indicating the preprogrammed

recording settings are incorporated into the two-dimensional matrix, the plurality of pieces of the information indicating the preprogrammed recording settings are respectively incorporated into a plurality of divided areas of the two-dimensional matrix based on a respective date of distribution indicated by a respective piece of the information indicating the preprogrammed recording settings.

~~preprogrammed recording setting specifying means for specifying each preprogrammed recording setting displayed on the two dimensional matrix;~~

~~—— preprogrammed recording setting displaying means for displaying the specified preprogrammed recording setting; and~~

~~—— preprogrammed recording setting editing means for editing the displayed preprogrammed recording setting.~~

Claim 2 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising a preprogramming setting redundancy displaying means for, when ~~at least~~ two pieces of the information indicating the preprogrammed recording settings are redundant with respect to ~~at least~~ a portion of the date of distribution and the time of distribution, displaying an alarm showing that the two pieces information indicating the preprogrammed recording settings ~~being~~ are redundant.

Claim 3 (Currently Amended) The information recording/reproduction apparatus according to claim 2, wherein the preprogramming setting redundancy displaying means causes the alarm to be displayed ~~through~~ by altering one of either a display design and ~~or~~ a displaying

color.

Claim 4 (Currently Amended) The information recording/reproduction apparatus according to claim 3, wherein the preprogramming setting redundancy displaying means displays a number of the pieces of the information indicating the preprogrammed recording settings-~~which~~ that are redundant.

Claim 5 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising executing preprogrammed recording setting displaying means for displaying, from among the pieces of the information indicating the preprogrammed recording settings, any preprogrammed recording setting having a-~~whose~~ preprogramming recording that is under execution, in order so as to distinguish-~~be distinguishable from~~ any preprogrammed recording setting having a-~~whose~~ preprogrammed recording that is not under execution from the preprogramming recording that is under construction.

Claim 6 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising a completed preprogrammed recording setting displaying means for displaying, from among the pieces of the information indicating the preprogrammed recording settings, any preprogrammed recording setting having a-~~whose~~ preprogrammed recording that is completed, in order so as to distinguish-~~be distinguishable from~~ any preprogrammed recording setting having a-~~whose~~ preprogrammed recording that is not completed from the preprogramming recording that is completed.

Claim 7 (Cancelled)

Claim 8 (Cancelled)

Claim 9 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising automatic preprogrammed recording setting changing means for, in response to an alteration of the time of distribution, altering the information indicating the preprogrammed recording setting by automatically finding an optimum recording-reproduction control means.

Claim 10 (Currently Amended) The information recording/reproduction apparatus according to claim 1, wherein, when the programmed recording reception means receives the information indicating the preprogrammed recording settings, the preprogrammed recording setting displaying control means causes the display unit to display the display screen is automatically pop-up displayed when each preprogrammed recording setting is specified by the preprogrammed recording setting specifying means.

Claim 11 (Currently Amended) The information recording/reproduction apparatus according to claim 1, ~~further comprising plural data simultaneous recording means for performing plural data recordings by a parallel processing operation on one videorecording device~~

wherein the information recording/reproduction apparatus is operable to preprogram-record the distributed information onto an information recording medium of a plurality of information recording mediums,

wherein the preprogrammed recording reception means receives the information recording medium of the plurality of information recording mediums, onto which the distributed information has been preprogram-recorded, the received information recording medium being received as the information indicating the preprogrammed recording settings,

wherein, based on the received information indicating the preprogrammed recording settings, the recording control means records the distributed information, and

wherein the displaying control means incorporates the plurality of pieces of the information indicating the preprogrammed recording settings into the two-dimensional matrix such that the distributed information that has been preprogram-recorded onto the received information recording medium is displayed.

Claim 12 (Currently Amended) The information recording/reproduction apparatus according to claim 1 further comprising:

electronic program table shifting means for shifting to an electronic program table; and

electronic program table data setting means for allowing a setting content in an electronic program table to be reflected ~~by~~ through executing a preprogrammed selection, and for allowing information data ~~such as~~ indicating one or more of a program title ~~or~~ and stereo in the electronic program table, to be set and recorded.

Claim 13 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising automatic preprogrammed recording setting generation means for selecting an optimum ~~recording-recording/reproduction control~~ means for information indicating a new preprogrammed recording setting, the selection being based on information indicating an existing preprogrammed recording setting related to the information recording medium ~~means~~.

Claim 14 (Currently Amended) The information recording/reproduction apparatus according to claim 13, wherein the optimum ~~recording-recording/reproduction control~~ means is connected to a network.

Claim 15 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising automatic recording resetting means for reconstructing the information indicating preprogrammed recording settings, in order ~~so as~~ to optimize a constraint on hardware arising from ~~the~~ a combination of the information recording medium ~~means~~ and the ~~recording-recording/reproduction control~~ means.

Claim 16 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising automatic recording setting means for, in a new preprogrammed recording setting, automatically generating information indicating an optimum preprogrammed recording setting, if the date of distribution, the time of distribution, and the distribution source are received by ~~specified with~~ the preprogrammed recording reception-

specifying means.

Claim 17 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising preprogrammed recording setting changing means for diverting, when the distributed information is incapable of being recorded properly, a recording destination of the distributed information to another video recording ~~videorecording~~ device medium or to a medium of another device.

Claim 18 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising menu means for performing one of a reproduction, a deletion, ~~or and~~ a dubbing of distributed information having ~~whose~~ preprogrammed recording completed ~~is complete~~.

Claim 19 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising menu means for enabling simultaneous recording and reproduction of distributed information having ~~whose~~ preprogrammed recording ~~is~~ under execution.

Claim 20 (Currently Amended) The information recording/reproduction apparatus according to claim 1, further comprising:

remaining capacity detection means for detecting a recordable capacity of the information recording medium ~~in the recording/reproduction means~~; and

recording capability determining means for displaying an alarm indicating a recording incapability when the detected capacity falls short of ~~the~~ a recording time specified by the information indicating the preprogramming settings-setting.

Claim 21 (Currently Amended) The information recording/reproduction apparatus according to claim 20, further comprising preprogrammed recording optimizing means for, when the detected-remaining capacity falls short of the recording time specified by the information indicating the preprogramming settings-setting, setting preprogrammed recordings up to a limit of recording that is possible using the detected ~~with the remaining~~ capacity.